

## A range of effective after-coolers and water separators to match your compressor

### Water-cooled HD after-coolers

Atlas Copco offers a range of after coolers and water separators, which combines minimal air pressure drop with high cooling efficiency and low energy consumption.

After-coolers are supplied complete with all necessary parts. They are compact, simple to install and easy to dismantle for cleaning. The negligible pressure drop effected by the after-cooler means virtually no loss of power to compressed air-driven tools, machines and pneumatic devices. Thus, no extra element is placed on the compressor and no additional energy or maintenance costs are incurred.

In addition, the Atlas Copco solution provides a number of important advantages:

- special, highly efficient separation by cyclone
- minimum maintenance
- totally rustproof material
- the assembly of the connection flanges is easy

Atlas Copco after-coolers, whether cooled by air or water, are reliable, require minimum maintenance and provide trouble-free protection against the costly effects of water in your system. Both types of after-cooler deliver air into the airtank at a temperature suitable for most types of air dryers.

### Air-cooled TD after-coolers

Atlas Copco TD air-cooled after-coolers have an aluminum block cooling element. An electrically driven fan, sheltered by a protective cover safety, forces cooling air between the fins. High cooling efficiency is combined with low energy consumption.

The after-cooler is mounted on a sturdy frame. A water separator is delivered as standard with the TD25-030 coolers. The TD 08, is delivered with wall mounting brackets and incorporates a drain collector with manual drain.



## Efficient water separators, automatic and intelligent drainage

### WSD water separators

The water separators provided by Atlas Copco have simple design. Pneumatic actuators that drives prevent condensate water from building up in the cooler. The water separators are delivered as standard with the after-coolers. They can also be installed in any point of your air net.

Made entirely of totally rustproof material, these general purpose separators feature very efficient separation by cyclone. Maintenance free with no moving parts, they have an automatic and manual drain.

Type	Capacity range		Minimum working pressure	Connections	Dimensions			Weight	
	m³/h	l/min			inches	inch	mm		
WSD 100	2100	35.000	1 bar	1/2"	10	0.5	100	11	11
WSD 150	3000	50.000	1 bar	1/2"	10	0.5	100	14	11
WSD 200	4000	66.667	1 bar	1/2"	10	0.5	100	18	11
WSD 300	6000	100.000	1 bar	1/2"	10	0.5	100	25	11
WSD 400	8000	133.333	1 bar	1/2"	10	0.5	100	32	11
WSD 500	10000	166.667	1 bar	1/2"	10	0.5	100	40	11
WSD 600	12000	200.000	1 bar	1/2"	10	0.5	100	48	11

\* Weight figure to be determined up to this dimension

### WD automatic condensate drains

The WD 10 drain valve provides completely automatic drainage of the condensate which collects at the bottom of the air receiver. The powerful Atlas Copco design eliminates troublesome mechanical linkages.

The automatic drain can be installed at the lowest point of a compressed air net, i.e. at the bottom of a receiver or cyclone separator etc. Maintenance is minimal.



Type	Minimum working pressure	Max. pressure	Connections	Dimensions			Weight
				bar	psi	inch	
WD 10	0.1	10	1/2"	10	0.5	100	1.1



## EWD electronic condensate drains

### The exact net pressure

The range of EWD electronically controlled condensate drains is synonymous with safe, dependable and economical condensate management.

The intelligent drain function monitors condensate build-up with liquid level sensors and it evacuates the condensate only when necessary, thus avoiding wastage of compressed air and giving considerable energy savings.

The EWD drain device offers security and confidence, enabling you to solve all condensate discharge problems even with heavily contaminated systems.

A wide range of different EWD drains is available for all contaminated condensate and sizes may be optimized with additional hard coating the valve with oil-free and aggressive condensate.



Type	Max. compressor capacity l/min	Max. operating pressure bar	Max. pressure bar	Dimensions			Weight
				in	inch	inch	
EWD 10	120	10	10	10	0.5	100	1.1
EWD 15	180	10	10	10	0.5	100	1.1
EWD 20	250	10	10	10	0.5	100	1.1
EWD 25	350	10	10	10	0.5	100	1.1
EWD 30	450	10	10	10	0.5	100	1.1
EWD 40	600	10	10	10	0.5	100	1.1
EWD 50	800	10	10	10	0.5	100	1.1
EWD 60	1000	10	10	10	0.5	100	1.1
EWD 70	1300	10	10	10	0.5	100	1.1
EWD 80	1600	10	10	10	0.5	100	1.1
EWD 90	2000	10	10	10	0.5	100	1.1
EWD 100	2500	10	10	10	0.5	100	1.1
EWD 110	3000	10	10	10	0.5	100	1.1
EWD 120	3500	10	10	10	0.5	100	1.1
EWD 130	4000	10	10	10	0.5	100	1.1
EWD 140	4500	10	10	10	0.5	100	1.1
EWD 150	5000	10	10	10	0.5	100	1.1
EWD 160	6000	10	10	10	0.5	100	1.1
EWD 170	7000	10	10	10	0.5	100	1.1
EWD 180	8000	10	10	10	0.5	100	1.1
EWD 190	9000	10	10	10	0.5	100	1.1
EWD 200	10000	10	10	10	0.5	100	1.1
EWD 210	11000	10	10	10	0.5	100	1.1
EWD 220	12000	10	10	10	0.5	100	1.1
EWD 230	13000	10	10	10	0.5	100	1.1
EWD 240	14000	10	10	10	0.5	100	1.1
EWD 250	15000	10	10	10	0.5	100	1.1
EWD 260	16000	10	10	10	0.5	100	1.1
EWD 270	17000	10	10	10	0.5	100	1.1
EWD 280	18000	10	10	10	0.5	100	1.1
EWD 290	19000	10	10	10	0.5	100	1.1
EWD 300	20000	10	10	10	0.5	100	1.1
EWD 310	21000	10	10	10	0.5	100	1.1
EWD 320	22000	10	10	10	0.5	100	1.1
EWD 330	23000	10	10	10	0.5	100	1.1
EWD 340	24000	10	10	10	0.5	100	1.1
EWD 350	25000	10	10	10	0.5	100	1.1
EWD 360	26000	10	10	10	0.5	100	1.1
EWD 370	27000	10	10	10	0.5	100	1.1
EWD 380	28000	10	10	10	0.5	100	1.1
EWD 390	29000	10	10	10	0.5	100	1.1
EWD 400	30000	10	10	10	0.5	100	1.1
EWD 410	31000	10	10	10	0.5	100	1.1
EWD 420	32000	10	10	10	0.5	100	1.1
EWD 430	33000	10	10	10	0.5	100	1.1
EWD 440	34000	10	10	10	0.5	100	1.1
EWD 450	35000	10	10	10	0.5	100	1.1
EWD 460	36000	10	10	10	0.5	100	1.1
EWD 470	37000	10	10	10	0.5	100	1.1
EWD 480	38000	10	10	10	0.5	100	1.1
EWD 490	39000	10	10	10	0.5	100	1.1
EWD 500	40000	10	10	10	0.5	100	1.1
EWD 510	41000	10	10	10	0.5	100	1.1
EWD 520	42000	10	10	10	0.5	100	1.1
EWD 530	43000	10	10	10	0.5	100	1.1
EWD 540	44000	10	10	10	0.5	100	1.1
EWD 550	45000	10	10	10	0.5	100	1.1
EWD 560	46000	10	10	10	0.5	100	1.1
EWD 570	47000	10	10	10	0.5	100	1.1
EWD 580	48000	10	10	10	0.5	100	1.1
EWD 590	49000	10	10	10	0.5	100	1.1
EWD 600	50000	10	10	10	0.5	100	1.1
EWD 610	51000	10	10	10	0.5	100	1.1
EWD 620	52000	10	10	10	0.5	100	1.1
EWD 630	53000	10	10	10	0.5	100	1.1
EWD 640	54000	10	10	10	0.5	100	1.1
EWD 650	55000	10	10	10	0.5	100	1.1
EWD 660	56000	10	10	10	0.5	100	1.1
EWD 670	57000	10	10	10	0.5	100	1.1
EWD 680	58000	10	10	10	0.5	100	1.1
EWD 690	59000	10	10	10	0.5	100	1.1
EWD 700	60000	10	10	10	0.5	100	1.1
EWD 710	61000	10	10	10	0.5	100	1.1
EWD 720	62000	10	10	10	0.5	100	1.1
EWD 730	63000	10	10	10	0.5	100	1.1
EWD 740	64000	10	10	10	0.5	100	1.1
EWD 750	65000	10	10	10	0.5	100	1.1
EWD 760	66000	10	10	10	0.5	100	1.1
EWD 770	67000	10	10	10	0.5	100	1.1
EWD 780	68000	10	10	10	0.5	100	1.1
EWD 790	69000	10	10	10	0.5	100	1.1
EWD 800	70000	10	10	10	0.5	100	1.1
EWD 810	71000	10	10	10	0.5	100	1.1
EWD 820	72000	10	10	10	0.5	100	1.1
EWD 830	73000	10	10	10	0.5	100	1.1
EWD 840	74000	10	10	10	0.5	100	1.1
EWD 850	75000	10	10	10	0.5	100	1.1
EWD 860	76000	10	10	10	0.5	100	1.1
EWD 870	77000	10	10	10	0.5	100	1.1
EWD 880	78000	10	10	10	0.5	100	1.1
EWD 890	79000	10	10	10	0.5	100	1.1
EWD 900	80000	10	10	10	0.5	100	1.1
EWD 910	81000	10	10	10	0.5	100	1.1
EWD 920	82000	10	10	10	0.5	100	1.1
EWD 930	83000	10	10	10	0.5	100	1.1
EWD 940	84000	10	10	10	0.5	100	1.1
EWD 950	85000	10	10	10	0.5	100	1.1
EWD 960	86000	10	10	10	0.5	100	1.1
EWD 970	87000	10	10	10	0.5	100	1.1
EWD 980	88000	10	10	10	0.5	100	1.1
EWD 990	89000	10	10	10	0.5	100	1.1
EWD 1000	90000	10	10	10	0.5	100	1.1
EWD 1010	91000	10	10	10	0.5	100	1.1
EWD 1020	92000	10	10	10	0.5	100	1.1
EWD 1030	93000	10	10	10	0.5	100	1.1
EWD 1040	94000	10	10	10	0.5	100	1.1
EWD 1050	95000	10	10	10	0.5	100	1.1
EWD 1060	96000	10	10	10	0.5	100	1.1
EWD 1070	97000	10	10	10	0.5	100	1.1
EWD 1080	98000	10	10	10	0.5	100	1.1
EWD 1090	99000	10	10	10	0.5	100	1.1
EWD 1100	100000	10	10	10	0.5	100	1.1
EWD 1110	101000	10	10	10	0.5	100	1.1
EWD 1120	102000	10	10	10	0.5	100	1.1
EWD 1130	103000	10	10	10	0.5	100	1.1
EWD 1140	104000	10	10	10	0.5	100	1.1
EWD 1150	105000	10	10	10	0.5	100	1.1
EWD 1160	106000	10	10	10	0.5	100	1.1
EWD 1170	107000	10	10	10	0.5	100	1.1
EWD 1180	108000	10	10	10	0.5	100	1.1
EWD 1190	109000	10	10	10	0.5	100	1.1
EWD 1200	110000	10	10	10	0.5	100	1.1
EWD 1210	111000	10	10</				

HD water-cooled after-cooler

Type	Nominal flow *		Nominal cooling power		Air after-cooling		Water-cooling		
	l/s	cfm	input	output	°C	°F	in.	inch	gallons
HD 4	37	120	—	—	7	15	100	—	—
HD 5	50	160	—	—	7	15	100	—	—
HD 6	63	200	—	—	7	15	100	—	—
HD 7	76	240	—	—	7	15	100	—	—
HD 8	90	280	—	—	7	15	100	—	—
HD 10	110	350	—	—	8	18	100	47.5	11.1
HD 12	130	400	—	—	8	18	100	47.5	11.1
HD 15	160	500	—	—	8	18	100	47.5	11.1
HD 17	180	550	—	—	8	18	100	47.5	11.1
HD 20	200	600	—	—	8	18	100	47.5	11.1
HD 25	250	750	—	—	9	19	100	57.5	13.1
HD 30	300	900	—	—	9	19	100	57.5	13.1
HD 35	350	1050	—	—	9	19	100	57.5	13.1
HD 40	400	1200	—	—	9	19	100	57.5	13.1
HD 45	450	1350	—	—	9	19	100	57.5	13.1
HD 50	500	1500	—	—	9	19	100	57.5	13.1
HD 60	600	1800	—	—	9	19	100	57.5	13.1
HD 70	700	2000	—	—	9	19	100	57.5	13.1
HD 80	800	2200	—	—	9	19	100	57.5	13.1
HD 90	900	2400	—	—	9	19	100	57.5	13.1
HD 100	1000	2600	—	—	9	19	100	57.5	13.1
HD 110	1100	2800	—	—	9	19	100	57.5	13.1
HD 120	1200	3000	—	—	9	19	100	57.5	13.1
HD 130	1300	3200	—	—	9	19	100	57.5	13.1
HD 140	1400	3400	—	—	9	19	100	57.5	13.1
HD 150	1500	3600	—	—	9	19	100	57.5	13.1
HD 160	1600	3800	—	—	9	19	100	57.5	13.1
HD 170	1700	4000	—	—	9	19	100	57.5	13.1
HD 180	1800	4200	—	—	9	19	100	57.5	13.1
HD 190	1900	4400	—	—	9	19	100	57.5	13.1
HD 200	2000	4600	—	—	9	19	100	57.5	13.1
HD 210	2100	4800	—	—	9	19	100	57.5	13.1
HD 220	2200	5000	—	—	9	19	100	57.5	13.1
HD 230	2300	5200	—	—	9	19	100	57.5	13.1
HD 240	2400	5400	—	—	9	19	100	57.5	13.1
HD 250	2500	5600	—	—	9	19	100	57.5	13.1
HD 260	2600	5800	—	—	9	19	100	57.5	13.1
HD 270	2700	6000	—	—	9	19	100	57.5	13.1
HD 280	2800	6200	—	—	9	19	100	57.5	13.1
HD 290	2900	6400	—	—	9	19	100	57.5	13.1
HD 300	3000	6600	—	—	9	19	100	57.5	13.1
HD 310	3100	6800	—	—	9	19	100	57.5	13.1
HD 320	3200	7000	—	—	9	19	100	57.5	13.1
HD 330	3300	7200	—	—	9	19	100	57.5	13.1
HD 340	3400	7400	—	—	9	19	100	57.5	13.1
HD 350	3500	7600	—	—	9	19	100	57.5	13.1
HD 360	3600	7800	—	—	9	19	100	57.5	13.1
HD 370	3700	8000	—	—	9	19	100	57.5	13.1
HD 380	3800	8200	—	—	9	19	100	57.5	13.1
HD 390	3900	8400	—	—	9	19	100	57.5	13.1
HD 400	4000	8600	—	—	9	19	100	57.5	13.1
HD 410	4100	8800	—	—	9	19	100	57.5	13.1
HD 420	4200	9000	—	—	9	19	100	57.5	13.1
HD 430	4300	9200	—	—	9	19	100	57.5	13.1
HD 440	4400	9400	—	—	9	19	100	57.5	13.1
HD 450	4500	9600	—	—	9	19	100	57.5	13.1
HD 460	4600	9800	—	—	9	19	100	57.5	13.1
HD 470	4700	10000	—	—	9	19	100	57.5	13.1
HD 480	4800	10200	—	—	9	19	100	57.5	13.1
HD 490	4900	10400	—	—	9	19	100	57.5	13.1
HD 500	5000	10600	—	—	9	19	100	57.5	13.1
HD 510	5100	10800	—	—	9	19	100	57.5	13.1
HD 520	5200	11000	—	—	9	19	100	57.5	13.1
HD 530	5300	11200	—	—	9	19	100	57.5	13.1
HD 540	5400	11400	—	—	9	19	100	57.5	13.1
HD 550	5500	11600	—	—	9	19	100	57.5	13.1
HD 560	5600	11800	—	—	9	19	100	57.5	13.1
HD 570	5700	12000	—	—	9	19	100	57.5	13.1
HD 580	5800	12200	—	—	9	19	100	57.5	13.1
HD 590	5900	12400	—	—	9	19	100	57.5	13.1
HD 600	6000	12600	—	—	9	19	100	57.5	13.1
HD 610	6100	12800	—	—	9	19	100	57.5	13.1
HD 620	6200	13000	—	—	9	19	100	57.5	13.1
HD 630	6300	13200	—	—	9	19	100	57.5	13.1
HD 640	6400	13400	—	—	9	19	100	57.5	13.1
HD 650	6500	13600	—	—	9	19	100	57.5	13.1
HD 660	6600	13800	—	—	9	19	100	57.5	13.1
HD 670	6700	14000	—	—	9	19	100	57.5	13.1
HD 680	6800	14200	—	—	9	19	100	57.5	13.1
HD 690	6900	14400	—	—	9	19	100	57.5	13.1
HD 700	7000	14600	—	—	9	19	100	57.5	13.1
HD 710	7100	14800	—	—	9	19	100	57.5	13.1
HD 720	7200	15000	—	—	9	19	100	57.5	13.1
HD 730	7300	15200	—	—	9	19	100	57.5	13.1
HD 740	7400	15400	—	—	9	19	100	57.5	13.1
HD 750	7500	15600	—	—	9	19	100	57.5	13.1
HD 760	7600	15800	—	—	9	19	100	57.5	13.1
HD 770	7700	16000	—	—	9	19	100	57.5	13.1
HD 780	7800	16200	—	—	9	19	100	57.5	13.1
HD 790	7900	16400	—	—	9	19	100	57.5	13.1
HD 800	8000	16600	—	—	9	19	100	57.5	13.1
HD 810	8100	16800	—	—	9	19	100	57.5	13.1
HD 820	8200	17000	—	—	9	19	100	57.5	13.1
HD 830	8300	17200	—	—	9	19	100	57.5	13.1
HD 840	8400	17400	—	—	9	19	100	57.5	13.1
HD 850	8500	17600	—	—	9	19	100	57.5	13.1
HD 860	8600	17800	—	—	9	19	100	57.5	13.1
HD 870	8700	18000	—	—	9	19	100	57.5	13.1
HD 880	8800	18200	—	—	9	19	100	57.5	13.1
HD 890	8900	18400	—	—	9	19	100	57.5	13.1
HD 900	9000	18600	—	—	9	19	100	57.5	13.1
HD 910	9100	18800	—	—	9	19	100	57.5	13.1
HD 920	9200	19000	—	—	9	19	100	57.5	13.1
HD 930	9300	19200	—	—	9	19	100	57.5	13.1
HD 940	9400	19400	—	—	9	19	100	57.5	13.1
HD 950	9500	19600	—	—	9	19	100	57.5	13.1
HD 960	9600	19800	—	—	9	19	100	57.5	13.1
HD 970	9700	20000	—	—	9	19	100	57.5	13.1
HD 980	9800	20200	—	—	9	19	100	57.5	13.1
HD 990	9900	20400	—	—	9	19	100	57.5	13.1
HD 1000	10000	20600	—	—	9	19	100	57.5	13.1

TD air-cooled after-cooler

Type	Nominal flow *		Nominal cooling power		Air after-cooling		Water-cooling	
	l/s	cfm	input	output	°C	°F	in.	inch
TD 4	37	120	—	—	7	15	100	—
TD 5	50	160	—	—	7	15	100	—
TD 6	63	200	—	—	7	15	100	—
TD 7	76	240	—	—	7	15	100	—
TD 8	90	280	—	—	7	15	100	—
TD 10	110	350	—	—	8	18	100	47.5
TD 12	130	400	—	—	8	18	100	47.5
TD 15	160	500	—	—	8	18	100	47.5
TD 17	180	550	—	—	8	18	100	47.5
TD 20	200	600	—	—	8	18	100	47.5
TD 25	250	750	—	—	9	19	100	57.5
TD 30	300	900	—	—	9	19	100	57.5
TD 35	350	1050	—	—	9	19	100	57.5
TD 40	400	1200	—	—	9	19	100	57.5
TD 45	450	1350	—	—	9	19	100	57.5
TD 50	500	1500	—	—	9	19	100	57.5
TD 60	600	1800	—	—	9	19	100	57.5
TD 70	700	2000	—	—	9	19	100	57.5
TD 80	800	2200	—	—	9	19	100	57.5
TD 90	900	2400	—	—	9	19	100	57.5
TD 100	1000	2600	—	—	9	19	100	57.5
TD 110	1100	2800	—	—	9	19	100	57.5
TD 120	1200	3000	—	—	9	19	100	57.5
TD 130	1300	3200	—	—	9	19	100	57.5
TD 140	1400	3400	—	—	9	19	100	57.5
TD 150	1500	3600	—	—	9	19	100	57.5
TD 160	1600	3800	—	—	9	19	100	57.5
TD 170	1700	4000	—	—	9	19	100	57.5
TD 180	1800	4200	—	—	9	19		